

THE CLAIMS

We claim:

1. A system for automated coordination of time schedules and availability with job, assignment, or project opportunities using a network, the system comprising:
 - a web engine operable to communicate with the network and to present a schedule survey form to a client of the network, the web engine further operable to receive from the client schedule data that is entered in the form; and
 - a web engine operable to communicate with the network and to present a project survey form to a client of the network, the web engine further operable to receive from the client project data that is entered in the form; and
 - a schedule mapping engine in communication with the schedule web engine, the schedule mapping engine operable to receive the schedule data from the schedule web engine and to generate at least one schedule identifier in response to parsing the schedule data, the schedule mapping engine further operable to index the at least one schedule identifier in response to the parsed schedule data, the at least one schedule identifier being linked to a schedule record, which schedule record stores the schedule data; and
 - a project mapping engine in communication with the project web engine, the project mapping engine operable to receive the project data from the project web engine and to generate at least one project identifier in response to parsing the project data, the project mapping engine further operable to index the at least one project identifier in response to the parsed project data, the at least one project identifier being linked to a project record, which project record stores the project data.
2. The system of claim 1, further comprising a filter engine in communication with the schedule and project web and mapping engines, the filter engine operable to

control communication of the schedule and project data between the web engines and the mapping engines.

3. The system of claim 1, further comprising a schedule index having categories corresponding to the schedule data, the schedule mapping engine being operable to index the at least one schedule identifier by assigning the at least one schedule identifier to one of the schedule index categories in response to comparing the schedule data corresponding to the one category to the parsed schedule data.
4. The system of claim 3, wherein the schedule survey form includes at least one selectable input field, each selectable input corresponding to the schedule data of a category in the schedule index.
5. The system of claim 1, further comprising a project index having categories corresponding to the project data, the project mapping engine being operable to index the at least one project identifier by assigning the at least one project identifier to one of the project index categories in response to comparing the project data corresponding to the one category to the parsed project data.
6. The system of claim 5, wherein the project survey form includes at least one selectable input field, each selectable input corresponding to the project data of a category in the project index.
7. The system of claim 1, wherein the schedule web engine includes a schedule review template, and wherein the schedule web engine is operable to:
 - map schedule data from the fields in the schedule survey form to fields in the schedule review template;
 - communicate the schedule review template to a client of the network; and
 - modify schedule data in the fields of the schedule survey form in response to receiving modifications from the client to the fields of the schedule review template.
8. The system of claim 1, wherein the project web engine includes a project review template, and wherein the project web engine is operable to:
 - map project data from the fields in the project survey form to fields in the project review template;
 - communicate the project review template to a client of the network; and

modify project data in the fields of the project survey form in response to receiving modifications from the client to the fields of the project review template.

9. The system of claim 1, wherein the schedule mapping engine further includes a schedule modification template, and wherein the schedule mapping engine is operable to:

map schedule data from the schedule record to fields in the schedule modification template;

communicate the schedule modification template to a client of the network; and

modify schedule data in the schedule record in response to receiving modifications to the fields of the schedule modification template.

10. The system of claim 1, wherein the project mapping engine further includes a project modification template, and wherein the project mapping engine is operable to:

map project data from the project record to fields in the project modification template; and

communicate the project modification template to a client of the network; and

modify project data in the project record in response to receiving modifications to the fields of the project modification template.

11. The system of claim 1, further comprising a provider member or registrant web engine operable to communicate with the network and to present a provider profile form to a client of the network, the web engine further operable to receive from the client the provider profile data that is entered in the form.

12. The system of claim 11, further comprising a provider mapping engine in communication with the provider member or registrant web engine, the provider mapping engine operable to receive the provider profile data from the provider member or registrant web engine and to generate at least one provider identifier in response to parsing the provider profile data, the provider mapping engine further operable to index the at least one provider identifier in response to the parsed

- provider profile data, the at least one provider identifier being linked to a provider record, which provider record stores the provider data, and being linked to one or more schedule or project records received from the client provider.
13. The system of claim 11, further comprising a filter engine in communication with the provider member or registrant web engine and the provider mapping engine, the filter engine operable to control communication of the provider profile data between the web engine and the mapping engine.
14. The system of claim 11, further comprising a provider index having categories corresponding to the provider profile data, the provider mapping engine being operable to index the at least one provider identifier by assigning the at least one provider identifier to one of the provider index categories in response to comparing the provider data corresponding to the one category to the parsed provider data.
15. The system of claim 11, wherein the provider member or registrant web engine includes a provider review template, and wherein the provider member or registrant web engine is operable to:
- map provider profile data from the fields in the provider profile form to fields in the provider review template;
 - communicate the provider review template to a client of the network; and
 - modify provider profile data in the fields of the provider profile form in response to receiving modifications from the client to the fields of the provider review template.
16. The system of claim 11, wherein the provider mapping engine further includes a provider profile modification template, and wherein the provider mapping engine is operable to:
- map provider profile data from the provider record to fields in the provider profile modification template;
 - communicate the provider profile modification template to a client of the network; and

modify provider profile data in the provider record in response to receiving modifications to the fields of the provider profile modification template.

17. The system of claim 11, wherein the provider mapping engine further includes a plurality of versions of the provider review template, the provider mapping engine being operable to determine a selected one of the plurality of versions to be communicated to a client of the network in response identification data received from the client, each version of said template displaying different fields of information associated with the provider record.
18. The system of claim 11, further comprising a message board, said message board being indexed by topic, wherein providers and clients can communicate with each other by means of posting electronic messages on said message board.
19. A method of automated coordination of time schedules and availability with job, assignment, and project opportunities, the method comprising:
 - parsing schedule data from a schedule survey in response to receiving the schedule data over the network;
 - parsing project data from a project survey in response to receiving the project data over the network;
 - storing the received schedule data in a schedule record;
 - storing the received project data in a project record;
 - generating a plurality of schedule identifiers related to the parsed schedule data, each schedule identifier being linked to a schedule record;
 - generating a plurality of project identifiers related to the parsed project data, each project identifier being linked to a project record;
 - comparing the schedule data to schedule data categories of a schedule index;
 - comparing the project data to project data categories of a project index;
 - assigning each of the schedule identifiers to a schedule data category in response to the compared schedule data; and
 - assigning each of the project identifiers to a project data category in response to the compared project data.

20. The method of claim 19, the method further comprising filtering the received schedule survey, and wherein parsing the schedule data is in response to filtering the schedule survey.
21. The method of claim 19, the method further comprising filtering the received project survey, and wherein parsing the project data is in response to filtering the project survey.
22. The method of claim 19, further comprising:
 - receiving an input from a client of the network, the input selecting at least one schedule identifier from the schedule index; and
 - updating a schedule record with a copy of the schedule identifier in response to receiving the client's input.
23. The method of claim 19, further comprising:
 - receiving an input from a client of the network, the input selecting at least one project identifier from the project index; and
 - updating a project record with a copy of the project identifier in response to receiving the client's input.
24. The method of claim 19, further comprising:
 - parsing provider profile data from a provider survey in response to receiving the provider profile data over the network;
 - storing the received provider profile data in a provider record;
 - generating a plurality of provider identifiers related to the parsed provider profile data, each provider identifier being linked to the provider record;
 - comparing the provider profile data to a provider index; and
 - assigning one or more provider identifiers to a category of the provider index in response to the compared provider profile data.
25. The method of claim 24, the method further comprising filtering the received provider survey, and wherein parsing the provider profile data is in response to filtering the provider survey.
26. The method of claim 24, further comprising:
 - receiving an input from a client of the network, the input selecting at least one provider identifier from the provider index; and

updating a provider record with a copy of the provider identifier in response to receiving the client's input.

27. The method of claim 24, further comprising a message board, said message board being indexed by topic, wherein providers and clients can communicate with each other by means of posting electronic messages on said message board.

28. A system for automated coordination of time schedules and availability information with job, assignment, and project opportunities, the system comprising:

a computer-readable medium; and

a computer program encoded on the computer-readable medium, the computer program operable to be executed on a computer, the computer program further operable to:

parse schedule data from a schedule survey in response to receiving the schedule data;

parse project data from a project survey in response to receiving the project data;

store the received schedule data in a schedule record;

store the received project data in a project record;

generate a plurality of schedule identifiers related to the parsed schedule data, each schedule identifier being linked to a schedule record;

generate a plurality of project identifiers related to the parsed project data, each project identifier being linked to a project record;

compare the schedule data to schedule data categories of a schedule index;

compare the project data to project data categories of a project index;

assign each of the schedule identifiers to a schedule data category in response to the compared schedule data; and

assign each of the project identifiers to a project data category in response to the compared project data.

29. The system of claim 28, wherein the computer program is further operable to filter the schedule survey and wherein the computer program parses the schedule data in response to filtering the schedule survey.
30. The system of claim 28, wherein the computer program is further operable to filter the project survey and wherein the computer program parses the project data in response to filtering the project survey.
31. The system of claim 28, wherein the computer program is further operable to receive an input from a client, the input selecting at least one schedule identifier from the schedule index and to update a schedule record with a copy of the schedule identifier in response to receiving the input.
32. The system of claim 28, wherein the computer program is further operable to receive an input from a client, the input selecting at least one project identifier from the project index and to update a project record with a copy of the project identifier in response to receiving the input.
33. The system of claim 28, wherein the computer program is further operable to:
 - receive from a client schedule criterion input by the client;
 - compare the schedule search criteria to the schedule data associated with the categories of the schedule index;
 - select each schedule identifier assigned to the categories in response to comparing the schedule search criteria; and
 - display to the client the schedule data of each schedule record for each selected schedule identifier.
34. The system of claim 28, wherein the computer program is further operable to:
 - receive from a client project criterion input by the client;
 - compare the project search criteria to the project data associated with the categories of the project index;
 - select each project identifier assigned to the categories in response to comparing the project search criteria; and
 - display to the client the project data of each project record for each selected project identifier.
35. The system of claim 28, wherein the computer program is further operable to:

parse provider profile data from a provider profile in response to receiving the provider profile data over the network;
store the received provider profile data in a provider record;
generate a plurality of provider identifiers related to the parsed provider profile data, each provider identifier being linked to the provider record;
compare the provider profile data to a provider index; and
assign one or more provider identifiers to a category of the provider index in response to the compared provider profile data.

36. The system of claim 33, wherein the computer program is further operable to filter the received provider survey and to parse the provider profile data in response to filtering the provider survey.
37. The system of claim 33, wherein the computer program is further operable to receive an input from a client, the input selecting at least one provider identifier from the provider index and to update a provider record with a copy of the provider identifier in response to receiving the input.
38. The system of claim 33, wherein the computer program is further operable to:
 - receive from a client provider criterion input by the client;
 - compare the provider search criteria to the provider data associated with the categories of the provider index;
 - select each provider identifier assigned to the categories in response to comparing the provider search criteria; and
 - display to the client the provider profile data of each provider record for each selected provider identifier.
39. The system of claim 33, further comprising a message board, said message board being indexed by topic, wherein providers and clients can communicate with each other by means of posting electronic messages on said message board.